

Project Name: AS1
Project Code: AS1 **Site ID:** NT8 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

Desc. By:	E.A. Jackson	Locality:	
Date Desc.:	23/07/57	Elevation:	396 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	134.987222222222	Runoff:	No runoff
Easting/Lat.:	-23.8238888888889	Drainage:	No Data

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	No Data
Morph. Type:	No Data	Relief:	10 metres
Elem. Type:	Pediment	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Calcic Mesonatric Red Sodosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Solodic soil
All necessary analytical data are available.			

Site Disturbance:

Vegetation:

Tall Strata - Shrub, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.07 m	Red (2.5YR4/6-Moist); ; Fine sandy loam; Massive grade of structure; Very weak consistence; 10-20%, medium gravelly, 6-20mm, Quartz, coarse fragments; Many, fine (1-2mm) roots; Sharp change to -
0.07 - 0.15 m	Weak red (10R4/4-Moist); ; Medium clay; 5-10 mm, Angular blocky; Very weak consistence; 2-10%, medium gravelly, 6-20mm, Gravel, coarse fragments; Common, fine (1-2mm) roots; Diffuse change to -
0.15 - 0.33 m	Red (10R4/6-Dry); ; Medium clay; 10-20 mm, Angular blocky; Firm consistence; 0-2%, fine gravelly, 2-6mm, Gravel, coarse fragments; Diffuse change to -
0.33 - 0.58 m	Weak red (10R4/4-Moist); ; Medium clay; Weak grade of structure, Angular blocky; Firm consistence; 2-10%, fine gravelly, 2-6mm, Gravel, coarse fragments; Common (10 - 20 %), Calcareous, , Soft segregations; Diffuse change to -
0.58 - 0.73 m	; Medium clay; Weak grade of structure, Angular blocky; Very weak consistence; 10-20%, medium gravelly, 6-20mm, Gravel, coarse fragments; Common (10 - 20 %), Calcareous, , Soft segregations; Abrupt change to -
0.73 - 0.93 m	; Medium clay; Massive grade of structure; Very weak consistence; 10-20%, medium gravelly, 6-20mm, Gravel, coarse fragments; Common (10 - 20 %), Calcareous, , Soft segregations; Few (2 - 10 %), Gypseous, , Soft segregations;

Morphological Notes

Observation Notes

Site Notes

ALICE SPRINGS

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[illegible]

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
19B_NR	Calcium Carbonate (CaCO ₃) - Not recorded
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A_TSS	Electrical conductivity or soluble salts - Total soluble salts %
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
7_NR	Total nitrogen (%) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_GRAV	Gravel (%)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded